

**PRODUCT DESCRIPTION**

**Shop Coat Primer** is a professional quality alkyd primer designed with a fast dry, rust preventative formula. This product is intended for use on structural steel or ferrous metal and can be topcoated with wide variety of finish coatings

**FEATURES**

- Rust-Preventative
- Excellent Adhesion
- Lead & Chromate Free
- Weld-Through
- Solvent Clean Up
- Meets SSPC Paint 15, Type 1

**PERFECT FOR**

- Structural Steel
- Fabricated Metals
- Fences
- Machinery

THIS PRODUCT MAY NOT BE AVAILABLE IN SOME AREAS DUE TO VOC REGULATIONS

**SUBSTRATES & SYSTEM RECOMMENDATIONS**

**PREP**

Properly prepare all new or previously painted surfaces. See 'Surface Preparation' on Page 2 for detailed instructions.

**PRIME**

**Prime 1 Coat Shop Coat Primer**

**BRUSH**  
Not Recommended

**ROLL**  
Not Recommended

**SPRAY**  
2000-2500 PSI  
.013" - .015" Orifice Tip

**FILM THICKNESS**  
3.0 - 4.0 Wet Mills  
2.1 - 3.2 Dry Mills

**PRACTICAL COVERAGE**  
250-400 sq ft/gal

**DRYING TIME**  
@ 75°F & 50% R.H.  
Touch: 30 Minutes  
Recoat: 2 Hours

See 'Application' on Pages 2 and 3 for full product specifications and information.

**PAINT**

**Topcoat 2 Coats Preferred Kelly-Moore Finish**

Kelly-Moore offers a wide variety of paints in many sheens for nearly every surface. It is important to choose the correct product for your project.

Not for immersion service.

Do not topcoat with products such as Epoxies or Urethanes containing aromatic or oxygenated solvent.

Follow application instructions found on Page 3. Refer to the Technical Data Sheet of selected finish for complete product specifications and information.

Ask a local Kelly-Moore representative for additional system recommendations.

**SPECIFICATIONS**

**RESIN TYPE**  
Alkyd

**FINISH**  
<10 @ 60°

**TEMPERATURE**  
50°F - 100°F

**MEETS V.O.C. LIMITS FOR**  
•National AIM

**WEIGHT PER GALLON**  
12.4 ± 0.25 lbs.

**SIZES AVAILABLE**  
5 Gallons

**CLEAN-UP**  
Xylene

**SOLIDS BY VOLUME**  
53% ± 2%

**BASES AVAILABLE**  
Red or Gray

**V.O.C.**  
<350 g/L  
(per ASTM D6886)

**KELLY-MOORE PAINT COMPANY INC.**  
**987 COMMERCIAL ST. SAN CARLOS, CA 94070**

**ENVIRONMENTAL HEALTH & SAFETY INFORMATION**

Avoid contact with eyes, skin and clothing. Do not take internally. Wash thoroughly after handling. Close container after each use. For additional safety information consult the Safety Data Sheet for this product.

**USE ONLY WITH ADEQUATE VENTILATION****KEEP OUT OF REACH OF CHILDREN**

For proper disposal of excess material, please contact your local city or county waste management agency.

**WARNING!**

If you scrape, sand or remove old paint from any surface, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1- 800-424-LEAD (5323) or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

**DANGER!**

**FLAMMABLE LIQUID AND VAPOR. VAPOR HARMFUL.  
CAUSES EYE IRRITATION. HARMFUL OR FATAL IF SWALLOWED. CALL PHYSICIAN IMMEDIATELY.**

**CANCER HAZARD** Mineral Spirits, Xylene, and Ethyl Benzene. Risk of cancer depends on duration and level of exposure to dust generated from sanding surfaces or spray mists. Overexposure may cause lung and kidney damage.

Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea. Causes eye, skin, nose and throat irritation. May be harmful if absorbed through skin.

**NOTICE** Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Keep away from heat, sparks, and flame. Vapors may cause flash fire. Do not smoke. Extinguish all flames and pilots lights and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. Use only with adequate ventilation. Do not breathe dust, vapors or spray mist. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Avoid exposure to dust by wearing an appropriate (NIOSH approved) particulate respirator during application, sanding and clean up. Follow the manufacturer's directions for respirator use. Close the container after each use. Do not get in eyes, on skin or clothing. Wash thoroughly after handling.

**FIRST AID** In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention immediately; for skin, wash thoroughly with soap and water. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. If swallowed, do not induce vomiting. Call physician immediately. If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

**DANGER** Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed, water-filled metal container.

**ATTENTION!** This container hazardous when empty. Empty container retains explosive vapors and flammable residues. All labeled hazard precautions must be observed. Keep away from heat, sparks, and flames. Do not cut, puncture or weld on or near this container. Not rated for pressure, do not apply air or gas pressure. Do not reuse this container for any purpose.

**WARNING** This product contains chemicals known to the state of California to cause cancer and birth defects, or other reproductive harm.

Obtain and read the SDS prior to using this product.

## SURFACE PREPARATION

**GENERAL** All surfaces must be cured, firm, dry and cleaned free of dust, dirt, oil, grease, wax, chalk, rust, mildew or any other contamination or condition that would adversely affect the performance of the coating. Sand glossy, dense or glazed surfaces.\*

**NEW SURFACES** All surfaces should be sound, free of contamination and dry.

**NEW FERROUS METAL** Follow general surface preparation guidelines. Remove all loose rust, mill scale, or deteriorated previously applied coatings by Hand Tooling (SSPC-SP-2) or Power Tool Cleaning (SSPC-SP-3).

\*See WARNING! /; Page 2 for existing leaded paint.

## APPLICATION

**MIXING** Mix well before use. Purchase enough paint to complete your project at the same time. If additional paint is needed, retain some of the original material and intermix the paint before application or touch up.

**THINNING** This product has been formulated to comply with current regulations. Thin up to 10% with Xylene. Thinning will increase the VOC content of the product.

**DRYING** Dry times are based on standard conditions of 75°F with a relative humidity of 50%. Lower temperatures or higher humidity may extend drying times. Provide adequate ventilation and air movement during and after painting.

**TEMPERATURE** Do not apply when material, air, and/or surface temperature is outside of the recommendations on page 1. Store at room temperature and protect from freezing.

**COVERAGE** May vary depending on method of application, porosity and texture of the surface.

**NEW SURFACES** Prime surfaces following primer recommendations on Page 1.

**CONTAINERS AND TOOLS** Transfer material into a clean container before use. Use new or thoroughly cleaned tools. To avoid contamination, do not re-dip applicators or add used material into containers being used for storage.

**STORAGE** Store material in a clean, tightly sealed container free of rollers, brushes, or other outside materials.

**TESTING** Prior to full application, apply a test patch to ensure the preparation and coating system are appropriate for the project. If test patch results do not meet the needs of the project, contact a Kelly-Moore representative for recommendations.

**CURE** Architectural coatings require up to 30 days after final application for full cure. Cure times vary depending on environmental conditions and air circulation. Full performance characteristics are achieved when coating has fully cured.

**CLEANING** Wait at least two weeks after application before attempting to clean or maintain the surface. Use a new soft cotton cloth or sponge with clean water to wipe the surface. If the surface has heavy dirt or stains, a mild

## LIMITED WARRANTY

The statements made on this bulletin, product labels or by any of our agents concerning this material are given for information only. They are believed to be true and accurate and are intended to provide a guide to approved construction practices and materials. As workmanship, weather, construction equipment, quality of other materials and other variables affecting results are all beyond our control, Kelly-Moore Paint Company, Inc., does not make nor does it authorize any agent or representative to make any warranty of MERCHANTABILITY OR FITNESS for any purpose or any other warranty, guarantee or representation, expressed or implied, concerning this material except that it conforms to Kelly-Moore's quality control standards. Any liability whatsoever of Kelly-Moore Paint Company, Inc. to the buyer or user of this product is limited to the purchaser's cost of the product itself.